

COMBUSTION PROPERTIES OF COAL LIQUIDS FROM THE EXXON DONOR  
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The Exxon Donor Solvent (EDS) Process converts bituminous, sub-bituminous and lignite coals into low sulfur liquid products. A brief description of the EDS process, the resulting liquid products and the flexibility of the EDS process to alter product distribution will be reviewed.

EDS liquid products produced from Illinois #6 bituminous coal were burned in a standard one gallon/hour home heating oil burner and a 50 HP industrial fuel oil boiler. Physical and chemical analyses and combustion emission data for both raw and hydrotreated coal liquids will be compared to conventional petroleum products.